

1 **WHAT IS CLAIMED IS:**

2 1. A dialing device for a cell phone used in a vehicle, the dialing device
3 comprising:

4 a handwriting device receiving handwritten data;

5 a control unit, which identifies the most similar words to the
6 handwritten data and outputs a video signal;

7 a miniature image projector, which is connected to the control unit and
8 projects an image based on the video signal from the control unit on a windshield
9 of the vehicle to display a telephone number; and

10 a dialing apparatus, wherein the control unit connects to the cell phone
11 through the dialing apparatus, when the telephone number displayed on said
12 image is confirmed, the dialing apparatus starts to dial the confirmed telephone
13 number.

14 2. The dialing device of claim 1, wherein the image projected on the
15 windshield is composed of several regions that include:

16 a written text display region, which displays the handwritten data
17 received by the handwriting device;

18 a confirmation region, which displays the most similar words
19 recognized by the control unit; and

20 a plurality of function keys including a “confirmed”, “delete”, “dial”,
21 “switch” and “store”.

22 3. The dialing device of claim 2, the control unit further connects to a
23 connecting interface to which a personal digital assistance (PDA) or a notebook
24 computer is connected.

1 **4. The dialing device of claim 3, wherein when the “switch” function**
2 **key on the image is actuated, the projected image on the windshield is switched**
3 **to a display screen as shown on the PDA or the notebook computer.**

4 **5. The dialing device of claim 4, wherein said connecting interface is a**
5 **wire-connected type interface.**

6 **6. The dialing device of claim 5, wherein said connecting interface is a**
7 **USB port.**

8 **7. The dialing device of claim 5, wherein said connecting interface is an**
9 **RS232 port.**

10 **8. The dialing device of claim 4, wherein said connecting interface is a**
11 **wireless transmission interface.**

12 **9. The dialing device of claim 8, wherein said connecting interface is an**
13 **infrared port.**

14 **10. The dialing device of claim 1, wherein the handwriting device is a**
15 **touch panel.**

16 **11. The dialing device of claim 1, wherein the handwriting device is a**
17 **handwriting panel.**